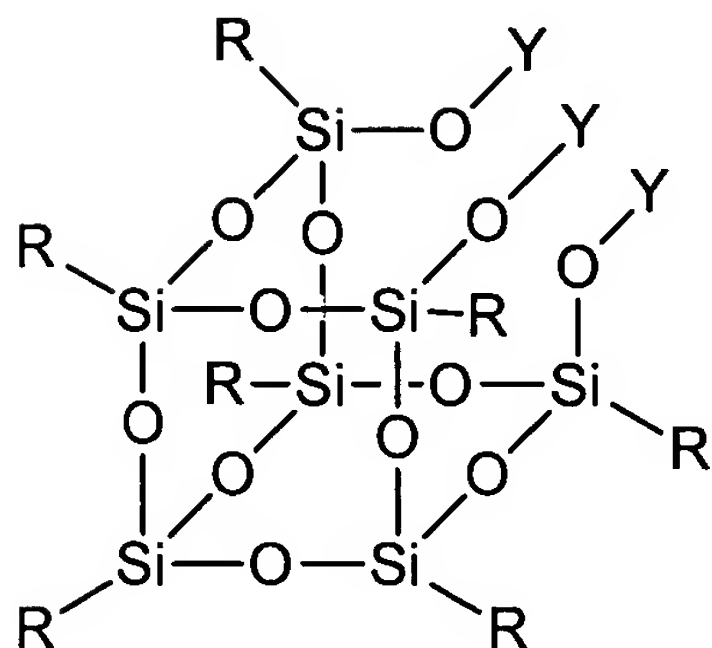


Amendments to the Claims

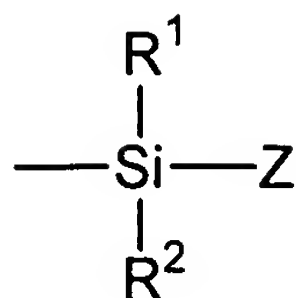
1-6. (Cancelled)

7. (Currently amended) A silsesquioxane derivative represented by Formula (2):



(2)

wherein each R is a group selected independently from the group of alkyls all of R's are the same group selected from alkyl in which the number of carbon atoms is 1 to 20, at least one hydrogen is replaced by fluorine and ~~optional one~~ one $-\text{CH}_2-$ may be replaced by $-\text{O}-$, ~~the group of phenyls~~ phenyl in which ~~optional at least one~~ at least one hydrogen on the benzene ring ~~may be~~ is replaced by fluorine ~~halogen or alkyl having 1 to 10 carbon atoms, the group of phenylalkyls, and phenylalkyl in which optional at least one hydrogen on the benzene ring may be~~ is replaced by halogen fluorine ~~or alkyl having 1 to 10 carbon atoms~~ and in the alkylene group thereof, ~~optional hydrogen may be replaced by fluorine and optional one~~ one $-\text{CH}_2-$ may be replaced by $-\text{O}-$, $-\text{CH}=\text{CH}-$ or cycloalkylene, and naphthyl; ~~in the alkyl having 1 to 10 carbon atoms which is a substituent on the benzene ring, optional hydrogen may be replaced by fluorine, and optional~~ $-\text{CH}_2-$ may be replaced by $-\text{O}-$, $-\text{CH}=\text{CH}-$, cycloalkylene or phenylene; each Y is a group selected independently from groups represented by Formula (3) and hydrogen; and at least one of Y is a group selected from the groups represented by Formula (3):



(3)

wherein R¹ and R² represent independently ~~the group defined in the same manner as R in Formula (2)~~ alkyl having 1 to 10 carbon atoms, or phenyl; Z is a functional group selected from the group consisting of hydrogen (bonded to Si atom), fluorine, chlorine, bromine, -OH, fluorinated alkyl, alkoxy, -COOH, -COO-, -OCO-, 2-oxapropanedioyl, polyalkyleneoxy, epoxy group, an oxetane ring, -NH-, -NH₂, -CN, -NCO, alkenyl, cycloalkenyl, -SH and -PH₂, or a group having the functional group; provided that Z is not any of a group having a dithiocarbamate group, a group having haloalkylphenyl and a group having an α-haloester group.

8. (Currently amended) The silsesquioxane derivative according to Claim 7, wherein ~~each R in Formula (2) is a group selected independently from the group of alkyls~~ all of R's are the same group selected from alkyl in which the number of carbon atoms is 1 to 10, at least one hydrogen is replaced by fluorine and one -CH₂- may be replaced by -O-, ~~the group of phenyls~~ phenyl in which ~~optional~~ at least one hydrogen on the benzene ring ~~may be~~ is replaced by ~~halogen~~ fluorine, ~~methyl or methoxy, the group of phenylalkyls, and phenylalkyl~~ in which ~~optional~~ at least one hydrogen on the benzene ring ~~may be~~ is replaced by fluorine, ~~alkyl having 1 to 4 carbon atoms, vinyl or methoxy~~ and in the alkylene group thereof, the number of carbon atoms is 1 to 8 and ~~optional~~ one -CH₂- may be replaced by -O-, ~~CH=CH or cycloalkylene, and naphthyl~~.

9-10. (Cancelled)

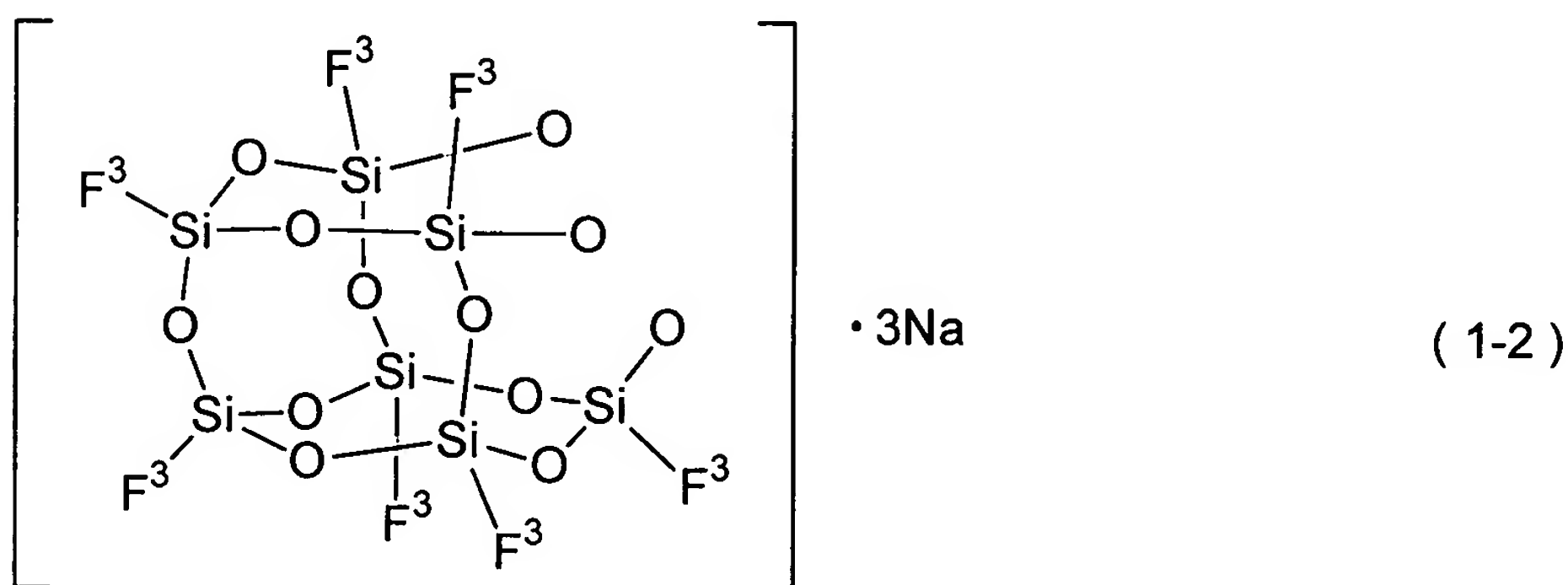
11. (Currently amended) The silsesquioxane derivative according to Claim 7, wherein ~~all of R in Formula (2) are alkyl~~ all of R's are the same alkyl in which the number of carbon atoms is 1 to 10, at least one hydrogen is replaced by fluorine and one -CH₂- may be replaced by -O-, and R¹ and R² ~~in Formula (3)~~ represent independently methyl, isopropyl, tert-butyl or phenyl.

12. (Currently amended) The silsesquioxane derivative according to Claim 7, wherein ~~all of R in Formula (2) are~~ R is 3,3,3-trifluoropropyl, and R¹ and R² ~~in Formula (3)~~ represent independently methyl, isopropyl, tert-butyl or phenyl.

13. (Currently amended) The silsesquioxane derivative according to Claim 7, wherein ~~all of R in Formula (2) are~~ R is tridecafluoro-1,1,2,2-tetrahydrooctyl, and R¹ and R² ~~in Formula (3)~~ represent independently methyl, isopropyl, tert-butyl or phenyl.

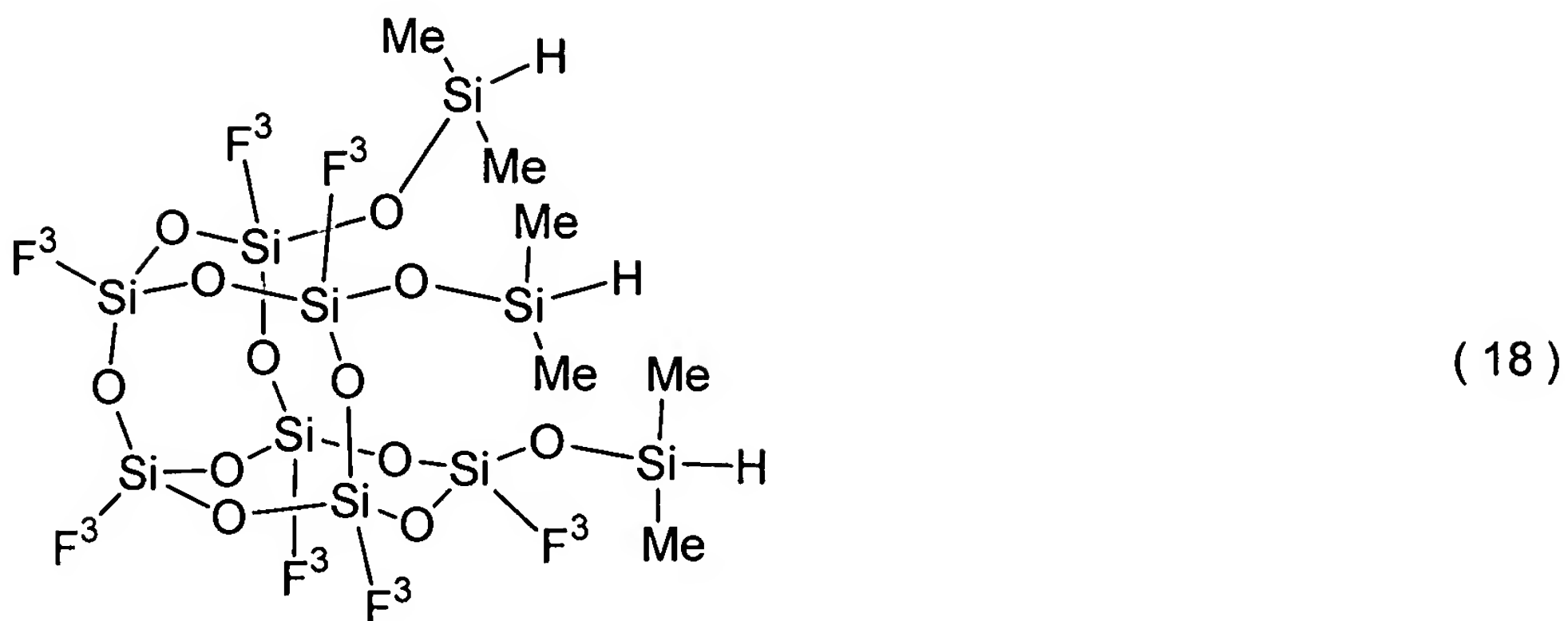
14. (Currently amended) The silsesquioxane derivative according to Claim 7, wherein Z ~~in Formula (3)~~ is hydrogen, chlorine, -OH, alkenyl, fluorinated alkyl, or a group having any of fluorine, chlorine, bromine, -OH, alkenyl, fluorinated alkyl, -COOH, 2-oxapropanedioyl, polyalkyleneoxy, acryloyloxy, methacryloyloxy, oxiranyl, 3,4-epoxycyclohexyl, oxetanyl, oxetanylene, -NH₂, -CN and -SH; provided that Z is not any of a group having a dithiocarbamate group, a group having haloalkylphenyl and a group having an α-haloester group.

15. (Original) A compound represented by Formula (1-2):



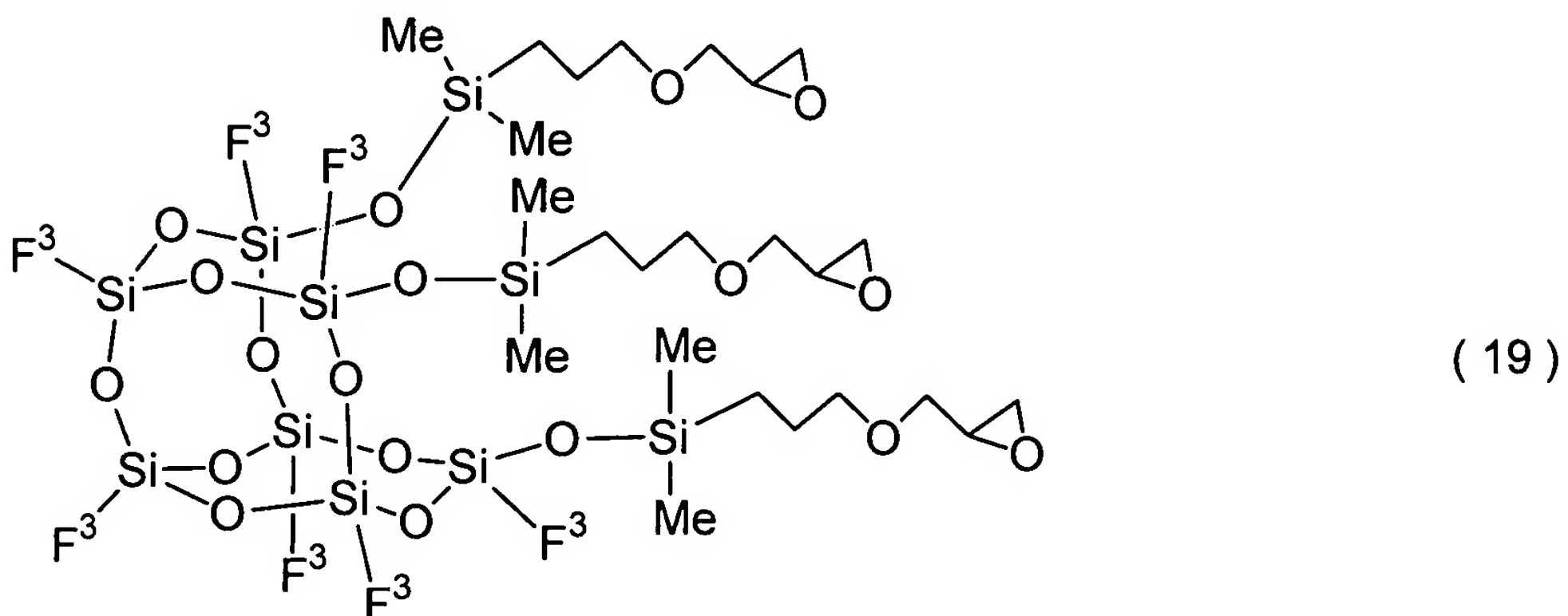
wherein F³ is -CH₂CH₂CF₃.

16. (Original) A compound represented by Formula (18):



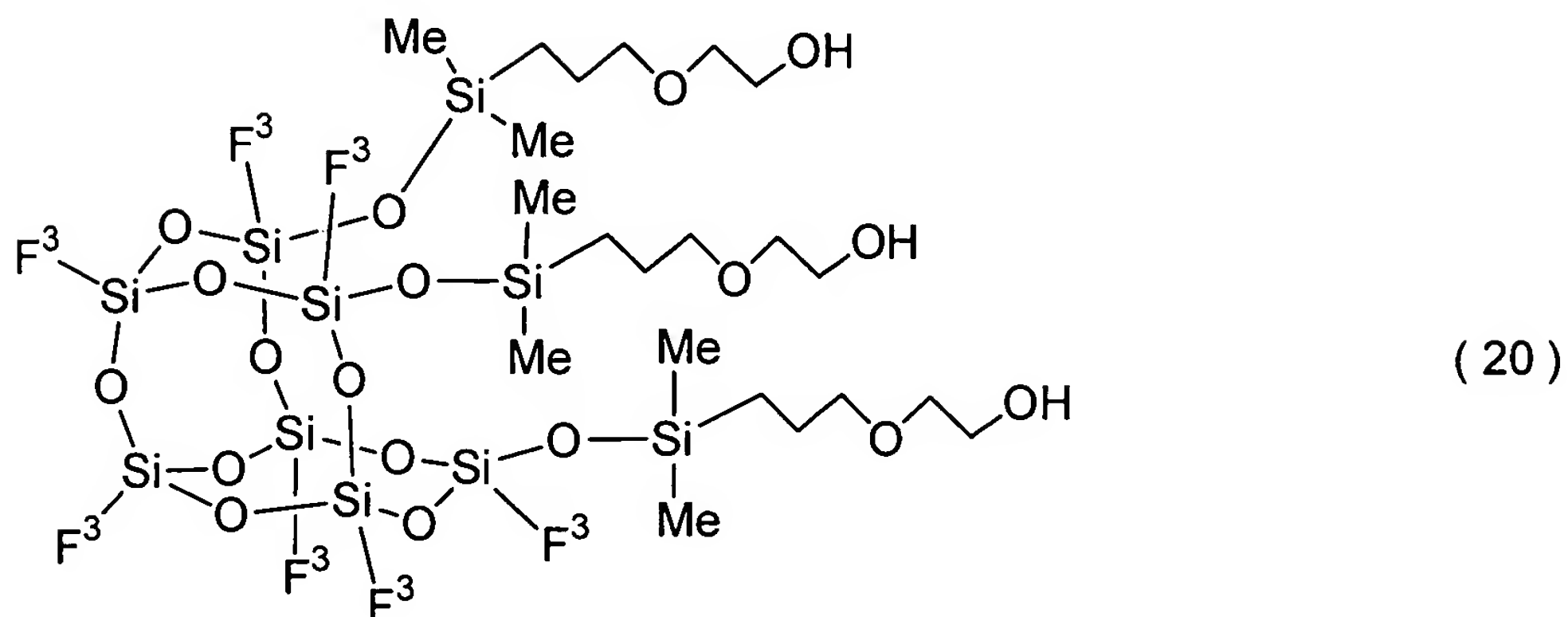
wherein F^3 is $-\text{CH}_2\text{CH}_2\text{CF}_3$, and Me is methyl.

17. (Original) A compound represented by Formula (19):



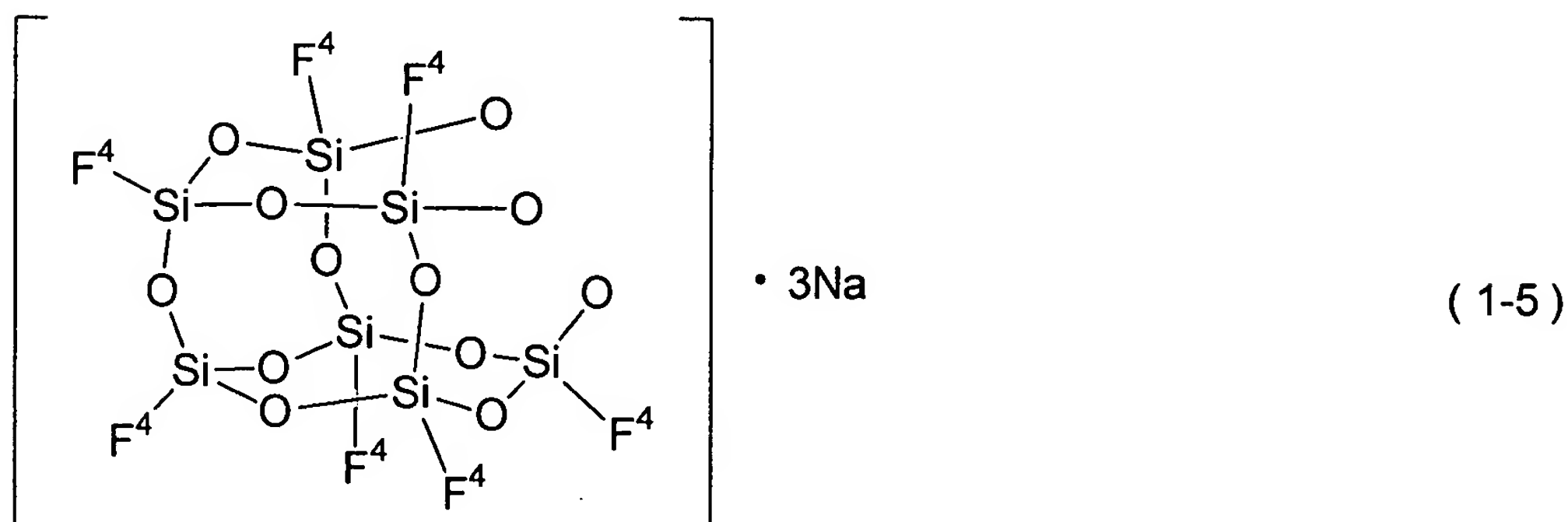
wherein F^3 is $-\text{CH}_2\text{CH}_2\text{CF}_3$, and Me is methyl.

18. (Original) A compound represented by Formula (20):



wherein F^3 is $-\text{CH}_2\text{CH}_2\text{CF}_3$, and Me is methyl.

19. (Original) A compound represented by Formula (1-5):



wherein F^4 is $-\text{CH}_2\text{CH}_2(\text{CF}_2)_5\text{CF}_3$.

20-25. (Cancelled)

26. (Currently amended) The silsesquioxane derivative according to ~~Claim 8~~ Claim 7, wherein all of R's are the same group selected from alkyl in which the number of carbon atoms is 1 to 10, at least one hydrogen is replaced by fluorine and one $-\text{CH}_2-$ may be replaced by $-\text{O}-$, phenyl in which at least one hydrogen on the benzene ring is replaced by fluorine, and phenylalkyl in which at least one hydrogen on the benzene ring

is replaced by fluorine and in the alkylene group thereof, the number of carbon atoms is 1 to 8 and one -CH₂- may be replaced by -O-; and Z in Formula (3) is hydrogen, chlorine, -OH, alkenyl, fluorinated alkyl, or a group having any of fluorine, chlorine, bromine, -OH, alkenyl, fluorinated alkyl, -COOH, 2-oxapropanedioyl, polyalkyleneoxy, acryloyloxy, methacryloyloxy, oxiranyl, 3,4-epoxycyclohexyl, oxetanyl, oxetanylene, -NH₂, -CN and -SH; provided that Z is not any of a group having a dithiocarbamate group, a group having haloalkylphenyl and a group having an α -haloester group.

27-28. (Cancelled)

29. (Currently amended) The silsesquioxane derivative according to ~~Claim~~ 11 Claim 7, wherein all of R's are the same alkyl in which the number of carbon atoms is 1 to 10, at least one hydrogen is replaced by fluorine and one -CH₂- may be replaced by -O-; R¹ and R² represent independently methyl, isopropyl, tert-butyl or phenyl; and Z in Formula (3) is hydrogen, chlorine, -OH, alkenyl, fluorinated alkyl, or a group having any of fluorine, chlorine, bromine, -OH, alkenyl, fluorinated alkyl, -COOH, 2-oxapropanedioyl, polyalkyleneoxy, acryloyloxy, methacryloyloxy, oxiranyl, 3,4-epoxycyclohexyl, oxetanyl, oxetanylene, -NH₂, -CN and -SH; provided that Z is not any of a group having a dithiocarbamate group, a group having haloalkylphenyl and a group having an α -haloester group.

30. (Currently amended) The silsesquioxane derivative according to ~~Claim~~ 12 Claim 7, wherein R is 3,3,3-trifluoropropyl; R¹ and R² represent independently methyl, isopropyl, tert-butyl or phenyl; and Z in Formula (3) is hydrogen, chlorine, -OH, alkenyl, fluorinated alkyl, or a group having any of fluorine, chlorine, bromine, -OH, alkenyl, fluorinated alkyl, -COOH, 2-oxapropanedioyl, polyalkyleneoxy, acryloyloxy, methacryloyloxy, oxiranyl, 3,4-epoxycyclohexyl, oxetanyl, oxetanylene, -NH₂, -CN and -SH; provided that Z is not any of a group having a dithiocarbamate group, a group having haloalkylphenyl and a group having an α -haloester group.

31. (Currently amended) The silsesquioxane derivative according to ~~Claim~~ ~~13~~ Claim 7, wherein R is tridecafluoro-1,1,2,2-tetrahydrooctyl; R¹ and R² represent independently methyl, isopropyl, tert-butyl or phenyl; and Z in Formula (3) is hydrogen, chlorine, -OH, alkenyl, fluorinated alkyl, or a group having any of fluorine, chlorine, bromine, -OH, alkenyl, fluorinated alkyl, -COOH, 2-oxapropanedioyl, polyalkyleneoxy, acryloyloxy, methacryloyloxy, oxiranyl, 3,4-epoxycyclohexyl, oxetanyl, oxetanylene, -NH₂, -CN and -SH; provided that Z is not any of a group having a dithiocarbamate group, a group having haloalkylphenyl and a group having an α -haloester group.